



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/721,743 Confirmation No. : 3948  
Applicant(s) : Mark COOKE et al.  
Filed : November 26, 2003  
TC/A.U. : 3622  
Examiner : Not Yet Assigned  
  
Docket No. : 82001-0397  
Customer No. : 24633

**Mail Stop Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**GRANT OF POWER OF ATTORNEY BY ASSIGNEE,  
AND CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Sir:

Pursuant to 37 C.F.R. §§1.36, 3.71 and 3.73(b), assignee, Manugistics, Inc., hereby revokes all previous Powers of Attorney in the above patent application (if any) and hereby grants power of attorney to Celine Jimenez Crowson, Reg. No. 40,357 and the other registered practitioners included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

**Customer Number: 24633**

**Please direct all inquiries to:**

**Celine Jimenez Crowson  
Registration No. 40,357  
Telephone: (202) 637-5703  
Facsimile: (202) 637-5910  
E-mail: [cjcrowson@hhlaw.com](mailto:cjcrowson@hhlaw.com)**

Application No. 10/721,743

Attorney Docket No. 82001-0397

Grant of Power of Attorney by Assignee and Certificate Under 37 C.F.R. § 3.73(b)

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CERTIFICATE UNDER 37 C.F.R. §3.73(b)

Manugistics, Inc., a Delaware corporation, certifies that it is:

1. ☒ The assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest in the patent application identified above by virtue of Assignments from the inventor(s) of the patent application identified above.

A copy of the signed assignment is attached hereto, and an additional copy is also being filed concurrently herewith for recordation.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

Dated: May 5, 2004

By: \_\_\_\_\_

Manugistics, Inc.  
9715 Key West Avenue  
Rockville, Maryland  
U.S.A.

Attorney Docket No. 82001-0397  
Sole/Joint Invention  
(Worldwide Rights)

ASSIGNMENT

WHEREAS We or I, the below named inventor/inventors [hereinafter referred to as Assignors], have made an invention entitled;

CONFIGURABLE PRICING OPTIMIZATION SYSTEM

for which an application for United States Letters Patent is filed herewith or an application for United States Letters Patent was filed as application number 10/721,743, on November 26, 2003;

AND WHEREAS, Manugistics, Inc. a corporation of Delaware, whose post office address is 9715 Key West Avenue, Rockville, Maryland, 20850, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for and in consideration of the sum of one dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee, is hereby acknowledged, WE or I, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, OUR or MY entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals and reissues thereof; and WE or I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE or I HEREBY covenant that WE or I have the full right to convey the interest assigned by this Assignment, and WE or I have not executed and will not execute any agreement in conflict with this Assignment;

AND WE or I HEREBY further covenant and agree that WE or I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to US or ME respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, its successors and assigns.

IN TESTIMONY WHEREOF, WE or I have hereunto set my/our hands.

Dcan Weldon BOYD

Full Name of First Inventor

Address: 36245 Wagner Lane, Cottage Grove, Oregon 97424

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Prashant Narayan BALEPUR

Full Name of Second Inventor

Address: 1606 Paloa Ranch Circle  
San Jose, California 95133

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Henry Frederick SCHWARZ  
Full Name of Third Inventor

Address: 1171 Rickover Lane  
Foster City, California 94404

Assignor's Signature

Date

Philip David Reginald APPS  
Full Name of Fourth Inventor

Address: 1755 7<sup>th</sup> Ave., Apt. #3  
San Francisco, California 94122

Philip Apps  
Assignor's Signature

5/1/04  
Date

Ravishankar Venkata NANDIWADA  
Full Name of Fifth Inventor

Address: 7110 Rainbow Drive, Apt. #13  
San Jose, California 95129

Assignor's Signature

Date

Brian Lawrence MONTEIRO  
Full Name of Sixth Inventor

Address: 452 South Bernardo, Apt. #1  
Sunnyvale, California 94086

Assignor's Signature

Date

Thomas Edward GUARDINO  
Full Name of Seventh Inventor

Address: 1033 Forrester Way  
Eugene, Oregon 97401

Assignor's Signature

Date

BEST AVAILABLE COPY

Sole/Joint Invention  
(Worldwide Rights)

Page 2

Henry Frederick SCHWARZ

Full Name of Third Inventor

Address: 1171 Rickover Lane  
Foster City, California 94404

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Philip David Reginald APPS

Full Name of Fourth Inventor

Address: 1755 7<sup>th</sup> Ave., Apt. #3  
San Francisco, California 94122

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Ravishankar Venkata NANDIWADA

Full Name of Fifth Inventor

Address: 7110 Rainbow Drive, Apt. #13  
San Jose, California 95129

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Brian Lawrence MONTEIRO

Full Name of Sixth Inventor

Address: 452 South Bernardo, Apt. #1  
Sunnyvale, California 94086

Brian Monteiro  
Assignor's Signature

April 22, 2004  
Date

Thomas Edward GUARDINO

Full Name of Seventh Inventor

Address: 1033 Forrester Way  
Eugene, Oregon 97401

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

BEST AVAILABLE COPY

Henry Frederick SCHWARZ

Full Name of Third Inventor

Address: 1171 Rickover Lane  
Foster City, California 94404

Henry F. Schwarz  
Assignor's Signature

4/13/04  
Date

Philip David Reginald APPS

Full Name of Fourth Inventor

Address: 1755 7<sup>th</sup> Ave., Apt. #3  
San Francisco, California 94122

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Ravishankar Venkata NANDJWADA

Full Name of Fifth Inventor

Address: 7110 Rainbow Drive, Apt. #13  
San Jose, California 95129

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Brian Lawrence MONTEIRO

Full Name of Sixth Inventor

Address: 452 South Bernardo, Apt. #1  
Sunnyvale, California 94086

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Thomas Edward GUARDINO

Full Name of Seventh Inventor

Address: 1033 Forrester Way  
Eugene, Oregon 97401

\_\_\_\_\_  
Assignor's Signature

\_\_\_\_\_  
Date

Henry Frederick SCHWARZ  
Full Name of Third Inventor

Address: 1171 Rickover Lane  
Foster City, California 94404

Assignor's Signature

Date

Philip David Reginald APPS  
Full Name of Fourth Inventor

Address: 1755 7<sup>th</sup> Ave., Apt. #3  
San Francisco, California 94122

Assignor's Signature

Date

Ravishanker Venkata NANDIWADA  
Full Name of Fifth Inventor

Address: 7110 Rainbow Drive, Apt. #13  
San Jose, California 95129

Assignor's Signature

Date

4/25/04

Brian Lawrence MONTEIRO  
Full Name of Sixth Inventor

Address: 452 South Bernardo, Apt. #1  
Sunnyvale, California 94086

Assignor's Signature

Date

Thomas Edward GUARDINO  
Full Name of Seventh Inventor

Address: 1033 Forrester Way  
Eugene, Oregon 97401

Assignor's Signature

Date

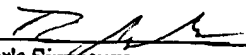
Sole/Joint Invention  
(Worldwide Rights)

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Mark COOKE

Full Name of Eighth Inventor

Address:

  
Assignor's Signature

4-20-04  
Date

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